



2002 CROP PRODUCTION

Weather presented several challenges for farmers and ranchers during 2002. Low snow pack and dry conditions during the previous fall led to concern over surface irrigation water supplies. Late spring freezes and high winds forced record replanting of sugarbeets and damaged fruit crops. A searing heat wave in July set records throughout Southern Idaho. At the end of the year, harvest showed mixed results, but Idaho's farmers fared much better than those affected by a disastrous drought in other areas of the U. S.

Idaho's small grain and sugarbeet seeding began later than in recent years, but progressed in rapid spurts between April rains. During late April and early May, strong winds combined with several hard freezes damaged newly emerged sugarbeet fields, especially in the Magic Valley and Eastern Idaho. Industry sources indicated the acreage that needed to be replanted reached a record high. Winds with speeds as high as 77 miles per hour damaged pivots and other farm structures. Record cold temperatures during early May also damaged alfalfa and fruit crops. Potato emergence lagged behind normal, enabling the potato crop to escape significant damage from these early freezes. Potato planting was nearing completion by the end of May.

A cold front during the first week of June brought frost to several areas of Idaho, but significant damage was limited to alfalfa and winter wheat stands in Southeastern Idaho. Cool spring weather and timely rains helped many canal companies stretch surface irrigation water supplies. Crops responded to warming temperatures during the latter half of June with rapid development.

By midsummer, stripe rust had become a problem in one of the most popular varieties of spring wheat planted in North Idaho. Growers were able to avoid major yield losses by spraying a fungicide. Ascochyta blight, a serious problem for garbanzo bean growers, also plagued farmers in North Idaho. North Idaho's cool spring weather was a contributing factor in the

outbreak of these fungal diseases during 2002.

Hot, dry weather dominated much of July. Temperatures during mid-July soared as high as 113 degrees, and several weather stations recorded high temperatures of 105 degrees or more for four consecutive days. Southern Idaho farmers struggled to keep up with irrigation demand, while dryland grain fields showed signs of stress. Grain fields in lower elevations ripened quickly under these conditions. Grasshopper populations thrived in the hot, dry conditions. Damage was reported in fields near rangeland areas of Southcentral and Eastern Idaho. Thunderstorms moved through Southern Idaho at the end of July, bringing an end to the scorching heat wave.

During August, farmers combined the majority of Idaho's small grain crops. Harvest progress was generally ahead of the five-year average. Light test weights for some barley and wheat were attributed to the rapid transition from a cool spring to a hot summer. Several canal companies in Southcentral and Eastern Idaho ended water deliveries in August.

Rains during early September delayed harvest and fieldwork, but soils quickly dried with warm temperatures later in the month. Potato harvest progress surged ahead of the five-year average in Southwest and Southcentral Idaho, but lagged behind in Eastern Idaho. The early sugarbeet harvest began near the end of September, later than normal. The sugarbeet crop development was behind normal because such a large acreage had to be replanted.

Temperatures during October were cool, but not cold enough to prevent potato harvest from being nearly complete by the end of the month. Germination of winter wheat in North Idaho was delayed by dry soil conditions, but dryland winter wheat in Southeast Idaho was in good condition. Sugarbeet harvest was completed in mid-November, while corn for grain harvest continued into December.

2002 Idaho Annual Crop Summary

Crop	Year	Acres		Yield Per Acre	Unit	Production	Price Per Unit ^{1/}	Value of Production ^{1/}
		Planted	Harvested					
		<i>Thousands</i>			<i>Bu.</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
WHEAT, ALL	2000	1,370	1,300	83.4	"	108,450	2.63	281,124
	2001	1,280	1,200	71.0	"	85,150	3.18	269,963
	2002	1,260	1,200	73.1	"	87,660	3.85	339,628
WHEAT, WINTER	2000	780	730	90	"	65,700	2.47	162,279
	2001	760	710	73	"	51,830	3.10	160,673
	2002	730	690	79	"	54,510	3.95	215,315
WHEAT, WINTER WHITE	2000	--	--	--	"	55,190	--	--
	2001	--	--	--	"	41,980	--	--
	2002				"	47,420	--	--
WHEAT, SPRING (EXCLUDING DURUM)	2000	590	570	75	"	42,750	2.78	118,845
	2001	520	490	68	"	33,320	3.28	109,290
	2002	530	510	65	"	33,150	3.75	124,313
WHEAT, SPRING WHITE (EXCLUDING DURUM)	2000	--	--	--	"	22,230	--	--
	2001	--	--	--	"	14,660	--	--
	2002				"	15,250	--	--
BARLEY	2000	750	730	76	"	55,480	2.59	143,693
	2001	700	670	75	"	50,250	2.75	138,188
	2002	730	710	76	"	53,960	3.05	164,578
OATS	2000	80	20	70	"	1,400	1.25	1,750
	2001	130	20	68	"	1,360	1.60	2,176
	2002	125	25	70	"	1,750	1.70	2,975
CORN, ALL	2000	195	192	--	"	--	--	--
	2001	175	170	--	"	--	--	--
	2002	190	185	--	"	--	--	--
CORN, GRAIN	2000	--	57	160	"	9,120	2.63	23,986
	2001	--	45	150	"	6,750	2.64	17,820
	2002	--	50	160	"	8,000	2.90	23,200
CORN, SILAGE	2000	--	135	25.0	<i>Ton</i>	3,375	--	--
	2001	--	125	25.0	"	3,125	--	--
	2002	--	135	25.5	"	3,443	--	--
HAY, ALL	2000	--	1,390	3.81	"	5,292	94.50	491,547
	2001	--	1,420	3.48	"	4,938	116.00	565,014
	2002	--	1,570	3.57	"	5,608	96.50	534,688
HAY, ALFALFA	2000	--	1,130	4.20	"	4,746	95.00	450,870
	2001	--	1,120	3.90	"	4,368	118.00	515,424
	2002	--	1,250	4.00	"	5,000	98.00	490,000
HAY, OTHER	2000	--	260	2.10	"	546	74.50	40,677
	2001	--	300	1.90	"	570	87.00	49,590
	2002	--	320	1.90	"	608	73.50	44,688
SUGARBEETS	2000	212	191	29.3	"	5,596	37.90	212,088
	2001	199	179	25.9	"	4,636	40.50	187,758
	2002	212	210	24.0	"	5,040	2/	2/
DRY EDIBLE BEANS (COMMERCIAL)	2000	90	88	19.5	<i>Cwt</i>	1,716	17.30	29,687
	2001	75	73	19.5	"	1,424	21.20	30,189
	2002	95	93	20.5	"	1,907	19.50	37,187
POTATOES, ALL	2000	415	413	369	"	152,320	4.00	609,280
	2001	350	348	345	"	120,200	6.15	739,230
	2002	375	373	358	"	133,385	5.40	720,279
POTATOES 10 S.W. COUNTIES	2000	28	28	490	"	13,720	--	--
	2001	23	23	450	"	10,350	--	--
	2002	27	27	455	"	12,285	--	--
POTATOES OTHER COUNTIES	2000	387	385	360	"	138,600	--	--
	2001	327	325	338	"	109,850	--	--
	2002	348	346	350	"	121,100	--	--
LENTILS	2000	65	64	14.50	"	928	9.80	9,094
	2001	54	53	15.00	"	795	9.40	7,473
	2002	68	66	12.00	"	792	12.40	9,821

2002 Idaho Annual Crop Summary

Crop	Year	Acres		Yield Per Acre	Unit	Production	Price Per Unit ^{1/}	Value of Production ^{1/}
		Planted	Harvested					
		<i>Thousands</i>				<i>Thousands</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
AUSTRIAN WINTER PEAS	2000	4.0	3.7	18.00	<i>Cwt</i>	67	8.20	549
	2001	4.5	4.0	17.00	"	68	11.00	748
	2002	11.0	7.5	18.00	"	135	9.80	1,323
DRY EDIBLE PEAS	2000	25	24	19.00	"	456	6.00	2,736
	2001	24	23	20.00	"	460	6.40	2,944
	2002	41	40	16.00	"	640	7.80	4,992
WRINKLED SEED PEAS	2000	--	--	--	"	331	14.50	4,800
	2001	--	--	--	"	202	14.60	2,949
	2002	--	--	--	"	157	12.90	2,025
ONIONS ^{3/}	2000	7.6	7.4	650	"	4,810	11.70	44,577
	2001	8.0	7.8	640	"	4,992	8.10	34,765
	2002	8.1	7.9	640	"	5,056	9.00	37,404
HOPS	2000	--	3.3	1,484	<i>Lb.</i>	4,930	1.78	8,775
	2001	--	3.5	1,329	"	4,609	1.59	7,329
	2002	--	3.4	1,624	"	5,520	1.58	8,721
MINT, PEPPERMINT	2000	--	15.0	95	"	1,425	10.30	14,678
	2001	--	14.0	92	"	1,288	10.70	13,782
	2002	--	17.0	90	"	1,530	11.30	17,289
MINT, SPEARMINT	2000	--	1.0	130	"	130	8.00	1,040
	2001	--	0.9	105	"	95	8.40	798
	2002	--	0.8	110	"	88	8.40	739
APPLES ^{4/} (COMMERCIAL CROP)	2000	--	--	--	"	140,000	0.107	15,040
	2001	--	--	--	"	79,000	0.141	11,115
	2002	--	--	--	"	80,000	0.197	15,760
PEACHES ^{4/}	2000	--	--	--	"	13,000	0.387	5,034
	2001	--	--	--	"	12,900	0.494	6,368
	2002	--	--	--	"	13,000	0.427	5,546
PRUNES & PLUMS ^{4/}	2000	--	--	--	<i>Ton</i>	3.4	397.00	1,330
	2001	--	--	--	"	3.0	582.00	1,745
	2002	--	--	--	"	2.0	536.00	1,045
CHERRIES, SWEET ^{4/}	2000	--	--	--	"	3.0	1,590.00	4,733
	2001	--	--	--	"	1.4	1,300.00	1,802
	2002	--	--	--	"	1.7	1,490.00	2,533

1/ Marketing year price. 2003 is preliminary. 2/ 2003 sugarbeet price and value not yet determined. 3/ Production includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss. 4/ Data shown are for utilized production which is the amount of fruit sold plus quantities used at home or held in storage.

2001 and 2002 Idaho Annual Crop Summary Totals

Type of Crop	Acres Harvested		Value of Production	
	<i>1,000 Acres</i>		<i>1,000 Dollars</i>	
	2001	2002	2001	2002
Field Crops (including sugarbeets)	4,178.4	4,500.7	1,986,361	--
Field Crops (excluding sugarbeets)	3,999.4	4,290.7	1,798,603	1,867,445
Fruit Crops	--	--	21,030	24,884
Vegetable Crop (onions only)	7.8	7.9	34,765	37,404
Total, All (including sugarbeets)	4,186.2	4,508.6	2,042,156	--
Total, All (excluding sugarbeets)	4,007.2	4,298.6	1,854,398	1,929,733

2002 United States Crop Summary

Crop	Year	Acres		Yield Per Acre	Unit	Production	Price Per Unit ^{1/}	Value of Production ^{1/}
		Planted	Harvested					
		<i>Thousands</i>			<i>Bu.</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 Dollars</i>
WHEAT, WINTER	2000	43,393	35,072	44.7	"	1,566,023	2.51	3,893,961
	2001	41,078	31,295	43.5	"	1,361,479	2.72	3,684,817
	2002	41,735	29,651	38.5	"	1,142,802	3.45	3,939,217
WHEAT, SPRING (EXCLUDING DURUM)	2000	15,299	14,489	38.4	"	556,632	2.85	1,586,790
	2001	15,609	14,549	35.2	"	512,008	2.90	1,486,009
	2002	15,714	13,463	29.3	"	394,189	3.90	1,592,978
BARLEY	2000	5,864	5,213	61.1	"	318,728	2.11	649,130
	2001	4,967	4,289	58.2	"	249,420	2.22	536,582
	2002	5,073	4,135	54.9	"	226,873	2.70	596,759
OATS	2000	4,477	2,329	64.2	"	149,545	1.10	175,797
	2001	4,403	1,905	61.4	"	117,024	1.59	195,711
	2002	5,005	2,098	56.8	"	119,132	1.75	211,849
CORN, GRAIN ^{2/}	2000	79,551	72,440	136.9	"	9,915,051	1.85	18,499,002
	2001	75,752	68,808	138.2	"	9,506,840	1.97	18,888,389
	2002	79,054	69,313	130.0	"	9,007,659	2.35	21,213,159
CORN, SILAGE	2000	--	6,082	16.8	<i>Ton</i>	102,156	--	--
	2001	--	6,148	16.6	"	102,077	--	--
	2002	--	7,490	14.0	"	104,979	--	--
HAY, ALL	2000	--	59,854	2.54	"	151,921	84.60	11,416,651
	2001	--	63,521	2.47	"	156,764	96.50	12,602,534
	2002	--	64,497	2.34	"	150,962	94.00	12,432,729
SUGARBEETS	2000	1,564.2	1,373.0	23.7	"	32,541	34.20	1,113,030
	2001	1,370.5	1,243.4	20.7	"	25,764	39.80	1,025,306
	2002	1,427.9	1,361.0	20.2	"	27,550	3/	3/
DRY EDIBLE BEANS (COMMERCIAL)	2000	1,758.2	1,607.5	16.43	<i>Cwt.</i>	26,409	15.50	413,986
	2001	1,435.9	1,248.5	15.69	"	19,583	22.10	426,475
	2002	1,922.1	1,726.9	17.36	"	29,974	17.00	519,609
POTATOES, ALL	2000	1,383.7	1,348.0	381	"	513,621	5.08	2,591,091
	2001	1,247.7	1,222.2	358	"	437,888	6.99	3,057,573
	2002	1,310.8	1,276.5	363	"	463,214	6.82	3,151,178
POTATOES, FALL	2000	1,223.0	1,192.2	392	"	467,504	--	--
	2001	1,091.5	1,073.2	367	"	393,750	--	--
	2002	1,144.2	1,114.8	374	"	417,228	--	--
LENTILS	2000	217.0	214.0	14.15	"	3,029	10.00	30,157
	2001	201.0	197.0	14.71	"	2,898	9.56	27,714
	2002	221.0	209.0	12.00	"	2,508	12.10	30,339
AUSTRIAN WINTER PEAS	2000	5.2	4.1	17.80	"	73	8.20	596
	2001	15.9	7.1	13.66	"	97	11.00	1,067
	2002	21.5	11.6	14.14	"	164	9.70	1,597
DRY EDIBLE PEAS	2000	184.5	176.0	19.74	"	3,474	5.31	18,464
	2001	206.8	192.3	19.57	"	3,763	5.52	20,765
	2002	302.7	279.7	15.17	"	4,242	7.10	30,263
WRINKLED SEED PEAS	2000	--	--	--	"	680	14.60	9,895
	2001	--	--	--	"	640	13.80	8,862
	2002	--	--	--	"	457	13.50	6,165
ONIONS ^{4/}	2000	177.4	166.2	432	"	71,721	11.30	736,369
	2001	169.5	161.6	419	"	67,653	11.40	697,950
	2002	169.2	160.2	420	"	67,365	11.70	715,979
APPLES ^{5/}	2000	--	--	--	<i>Lb.</i>	10,322,200	0.128	1,320,781
	2001	--	--	--	"	9,214,400	0.157	1,448,348
	2002	--	--	--	"	8,474,200	0.191	1,622,135
PEACHES, ^{5/}	2000	--	--	--	"	2,488,800	0.194	481,716
	2001	--	--	--	"	2,334,900	0.211	493,298
	2002	--	--	--	"	2,472,500	0.205	507,089
PRUNES & PLUMS (4 STATES) ^{5/ 6/}	2000	--	--	--	<i>Ton</i>	22.0	239.00	5,247
	2001	--	--	--	"	20.0	273.00	5,459
	2002	--	--	--	"	15.0	285.00	4,271
CHERRIES, SWEET ^{5/}	2000	--	--	--	<i>Ton</i>	204.0	1340.00	274,225
	2001	--	--	--	"	219.6	1230.00	270,914
	2002	--	--	--	"	176.2	1550.00	273,694

1/ Marketing year price. Averages computed by weighting State prices by estimated State sales and therefore may differ from the computed averages. 2002 is preliminary.
2/ Planted acreage is all corn planted (excluding sweet corn). 3/ Not available. 4/ Production includes some quantities of storage crop onions harvested but not sold because of shrinkage and loss. 5/ Data shown are for utilized production which is the amount of fruit sold plus quantities used at home or held in storage. 6/ Includes only Idaho, Washington, Michigan and Oregon.